baracoda™ | Data Capture for Workforce in Motion

Traceability division

BCM2604-L Cordless Linear Imager

For aggressive scanning, wireless long range transmission and user comfort

- Superior reading quality CMOS linear imager up to 200 scans per second
- Decode damaged or low quality barcodes
- For intensive scanning
- Visible & Audible Indicators
- Instantly connected with Baracoda's Plug & Scan solution
- Easy setup & configuration with BaracodaManager Software
- Bluetooth® Class 1 enables long (up to 330 ft, 100m) and secure

Thanks to its cost-effectiveness, its gun shaped form factor and its aggressive reading, the BCM2604-L answers the needs of a wide range of applications needing an efficient cordless hand held barcode scanner.

As all products of the 2604 family, the BCM2604-L allows transmission of barcodes to a host and to receive an ackowledgment ensuring that the data has been correctly received at a distance of up to 330 ft (100m).

The 2604 family is compatible with Baracoda Plug & Scan offer. The user simply plugs the USB or Serial Plug & Scan dongle into the host and reads the selected pairing code. No other settings are required to be immediately operative.

Scanning distance: 1.5 to 19 inches (4 to 50 cm)

About Baracoda

Baracoda is the world's leading manufacturer of Bluetooth wireless barcode readers and RFID solutions. The company promotes the development of data capture solutions for both Mobile and In Premise applications in the retail, healthcare, transportation and logistics industries as well as for all real-time traceability applications. Cutting-edge technology is the core of our products and solutions. Baracoda has made Bluetooth an industrial-strength data communication solution, with specific skills in the management of power consumption, security, and the interoperability of systems. Baracoda's added value lies in our ability to provide customers and partners with appropriate, reliable, and extremely competitive solutions suitable for all wireless environments. For more information, visit **http://www.baracoda.com**.

Baracoda, Inc. (US Office)
45 Main Street – Suite 616 – Brooklyn, NY11201
Ph: +1 718 488 9600 Fax: +1 718 488 9601

Baracoda SA (Europe Office: France)
30 Avenue de l'Amiral Lemonnier - 78160 Marly-Le-Roi
Ph: +33 1 30 08 89 00 - Fx: +33 1 30 08 89 98

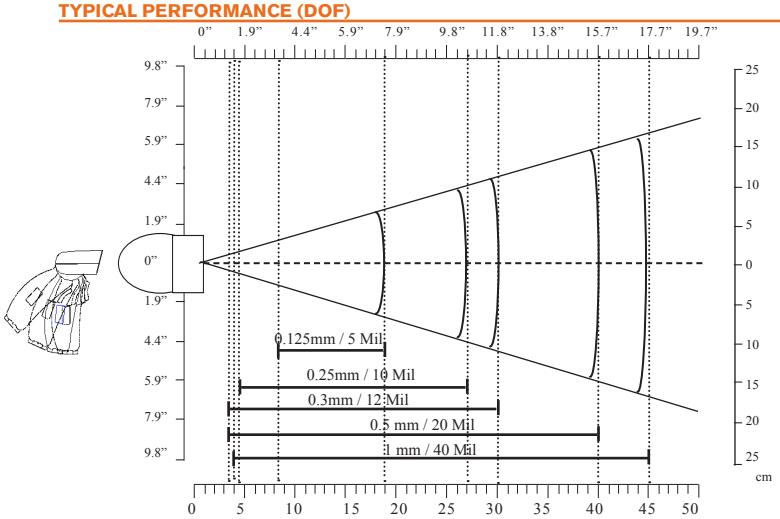
Bluetooth®

The Bluetooth® name and Bluetooth registered trademarks are owned by Bluetooth SIG, Inc. and are used by Baracoda under license. The Baracoda names and Baracoda trademarks are owned by Baracoda. All specifications are subject to change without notice. Non-contractual pictures © Baracoda – All rights reserved.

BCM2604-L Specifications

STANDARD - REGULATORY	
	Fully compliant with Bluetooth® 1.1 Standard Gap & SPP profiles. CE - FCC - Bluetooth qualified
USER INTERFACE	
	Green LED Buzzer
BLUETOOTH RANGE	
	Class 1: 230 ft - 300 ft (70m - 100m)
OPERATING MODES	
	Real Time Master
SCAN ENGINE	
Reading technology	CMOS
Reading distance	1.5 to 19 in (4 to 50 cm)
Scan rate	200 scans per second
Scan angle	40°
DECODING CAPABILITIES	
Bar Codes Supported	UPC-A/E, EAN-8/JAN-8, EAN-13/JAN-13, EAN128, Code 32, Full ASCII code 39, code 39, code 93, Inter leaved 2 of 5, Matrix 2 of 5, Standard 2 of 5, Codabar, Code 128, MSI/Plessey code, Telepen, Code 11, Linear RSS, PDF 417.
POWER	
	2 x AAA NimH - 2100 mAh rechargeable Battery life: up to 12, 000 scans
PHYSICAL	
Length	5.63 in (143 mm)
Width	3.10 in (78.8 mm)
Height	6.08 in (154.5 mm)
Weight	6.35 oz (180 g) without batteries
ENVIRONMENT	
Operating temperature	32°F (0°C) - 104°F (40°C)
Storage temperature	14°F (-10°C) - 158°F (70°C)
Operating humidity	5 - 95% (Non condensing)
Shock	Several 3.3ft (1m) drops to concrete
Ambient light	Full darkness to sunlight

TYPICAL PERFORMANCE (DOF)



General features

One click connectivity and Auto-Reconnection:

Just switch on your scanner or just come back within the Bluetooth range of your host device to get connected! The connection process, thanks to the BaracodaManager or thanks to the Plug & Scan dongles, is automatic and completely transparent to the user.

Intuitive user interface:

- Only one button to switch on, connect and scan barcodes
- Multi color led for connection and battery status
- Sound beeps for successful scanning.

Platforms compatibility:

Baracoda provides users with user-friendly software (BaracodaManager) and provides developers with state of the art APIs to ease the integration on the following mobile platforms:

- PC
- PPC 2002/2003; CE.NET; Palm OS
- Symbian and Java Mobile Phones + RIM (Blackberry)
- Most Bluetooth devices (printers, access points, ...)

Plug & Scan solution

Real Plug & Scan solution with Baracoda Serial Dongle (compatible with all devices equipped with a RS232 port) and Baracoda USB Plug & Scan Dongle. Just plug it into your host, read the related pairing barcode and use it. The easiest way to use a Bluetooth scanner.

Package content

1 BCM 2604 L
2 rechargeable batteries
1 Charger
1 CD with all the needed documentation and software

Available accessory

Protective boot and key retractable reel:

The protective boot for the 2604 Series is made of ruggedized high density foam. While the protective boot does add some bulk to the scanner, its shock protection value compensates for this size increase. The protective boot also offers a small ring that can be attached to a lanyard or a key retractable reel. It is ideal for mobile workers who need a rugged product.

© Baracoda™ - March 2007 - All specifications are subject to change without notice.